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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Art Unit 1631

Application of Hultgren et al.
Serial No. 09/637,216
Filed August 11, 2000
Confirmation No. 7884
For ANTIBACTERIAL COMPOUNDS DIRECTED AGAINST PILUS BIOGENESIS,
ADHESION AND ACTIVITY
Examiner Monika B. Sheinberg

RECEIVED

FEB 05 2003

TECH CENTER 1600/2900

January 30, 2003

AMENDMENT C AND RESPONSE TO OFFICE ACTION

TO THE ASSISTANT COMMISSIONER FOR PATENTS,

SIR:

In response to the Office action mailed September 30, 2002, the time for response to which is extended to January 30, 2003, by the attached payment of the fee required under 37 C.F.R. §1.136(a), please enter the following amendments:

IN THE SPECIFICATION:

Replace the fifth paragraph on page 10 with:

Fig. 3B is a depiction of the sequence alignment of P-pilus subunits (PapA (Seq. ID No: 57), PapK (Seq. ID No: 58), PapE (Seq. ID No: 59), and PapF (Seq. ID No: 60)). The secondary structural elements of PapK are indicated above the aligned sequences. Residue numbers of PapK are indicated above the PapK sequence. The remarkable conservation of structurally and functionally important residues strongly indicates that all pilins have structures similar to PapK.

Replace the sixth paragraph on page 10 with:

Fig. 3C is a depiction of the secondary structure definition of PapD (Seq. ID No: 61). Residue numbers are indicated above the sequence, while secondary structural elements are indicated below it.

OK TO ENTER
AM, 2-20-03

CI